

FIG.1A

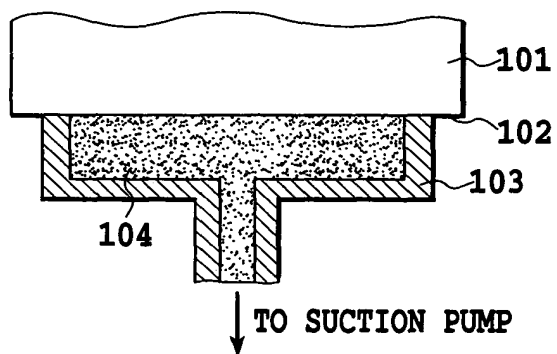


FIG.1B

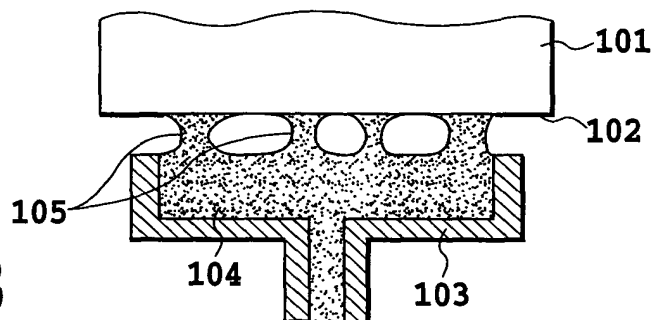
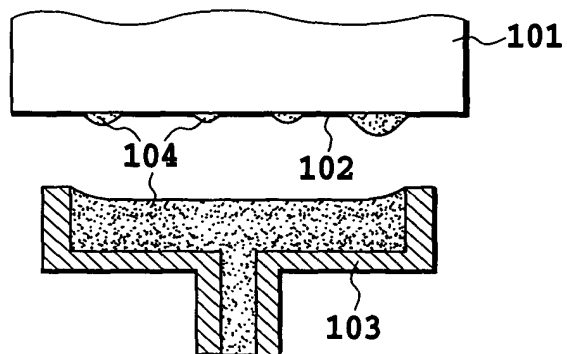


FIG.1C



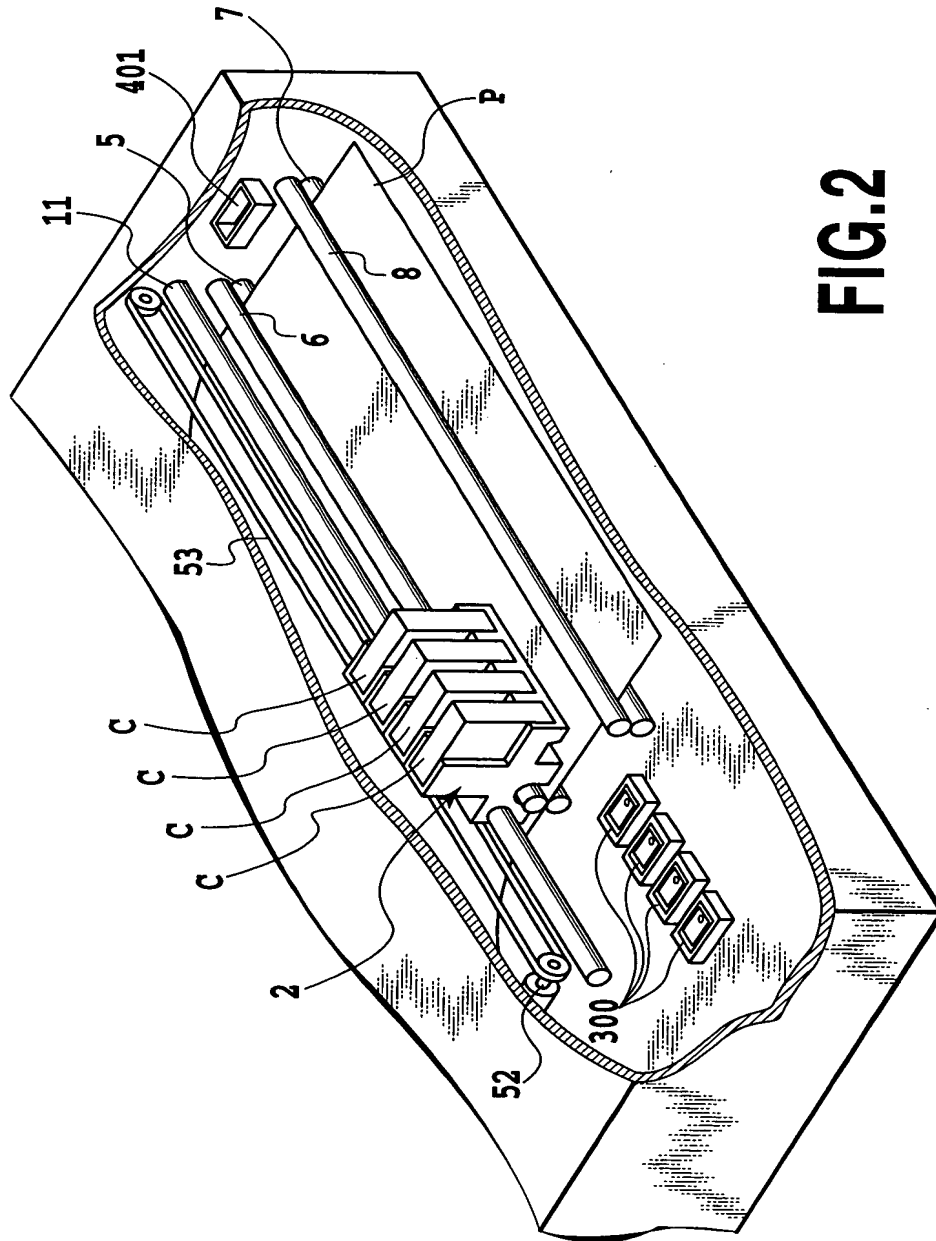


FIG. 2

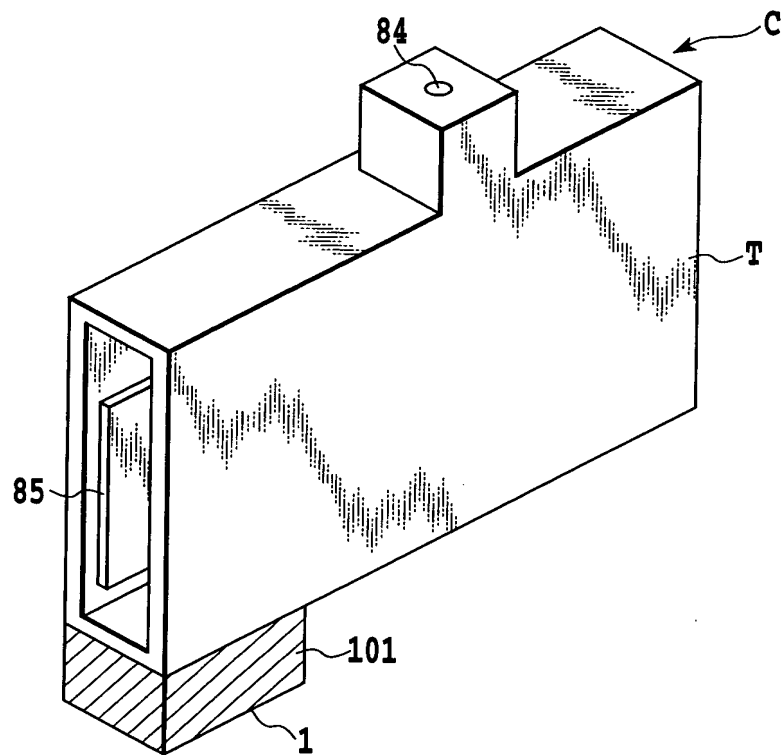


FIG.3

FIG.4A

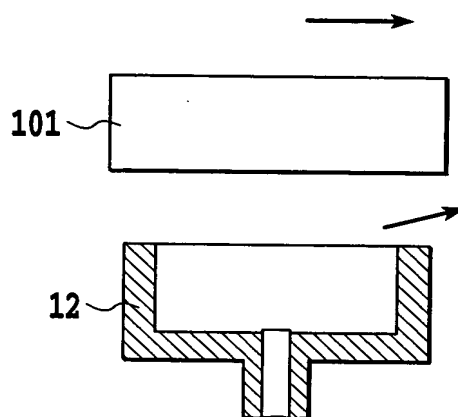


FIG.4B

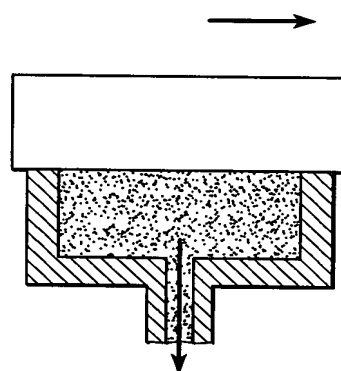


FIG.4C

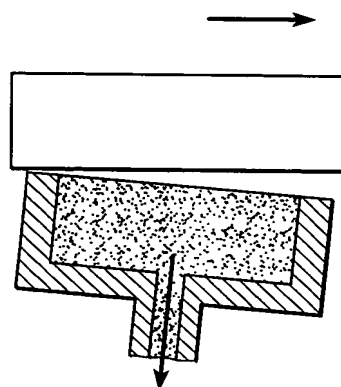


FIG.5A

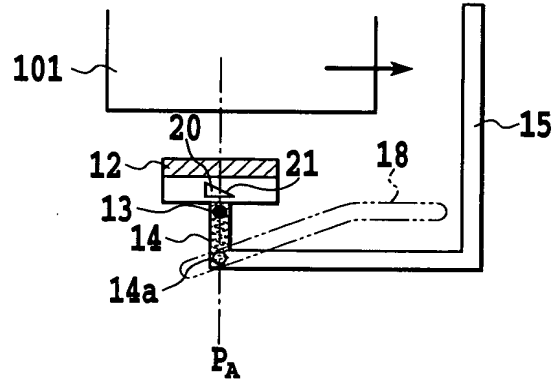


FIG.5B

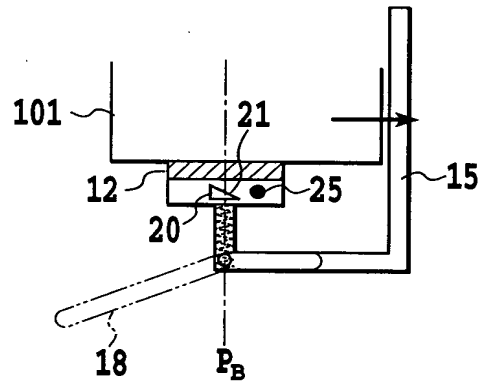
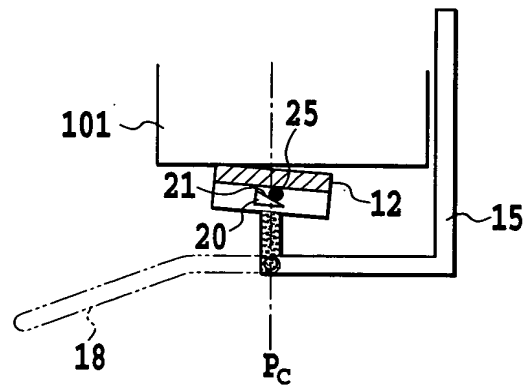


FIG.5C



TOTAL NUMBER OF SUCTION OPERATIONS	CARRIAGE ERROR COUNT	NUMBER OF PRINTED IMAGES SHOWING INFLUENCE OF EJECTION FAILURE DUE TO AIR ENTERED INSIDE EJECTION PORTS
50	11	5
100	25	9

FIG.6

TOTAL NUMBER OF SUCTION OPERATIONS	NUMBER OF PRINTED IMAGES SHOWING INFLUENCE OF COLOR MIXTURE
50	7
100	12

FIG.7

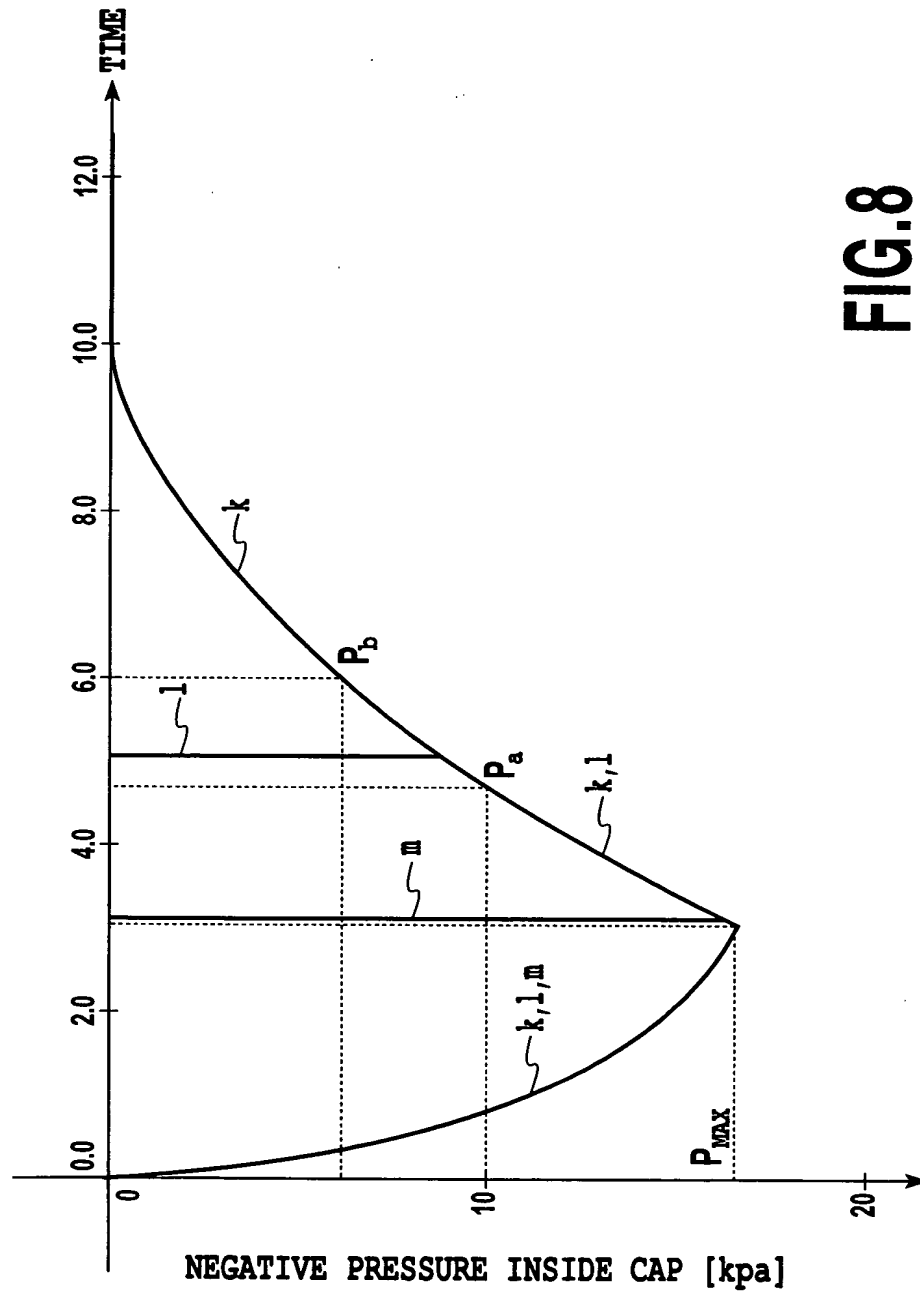


FIG.8

TOTAL NUMBER OF SUCTION OPERATIONS	CARRIAGE ERROR COUNT	NUMBER OF PRINTED IMAGES SHOWING INFLUENCE OF EJECTION FAILURE DUE TO AIR ENTERED INSIDE EJECTION PORTS	NUMBER OF PRINTED IMAGES SHOWING INFLUENCE OF COLOR MIXTURE
50	0	0	0
100	0	0	0

FIG.9

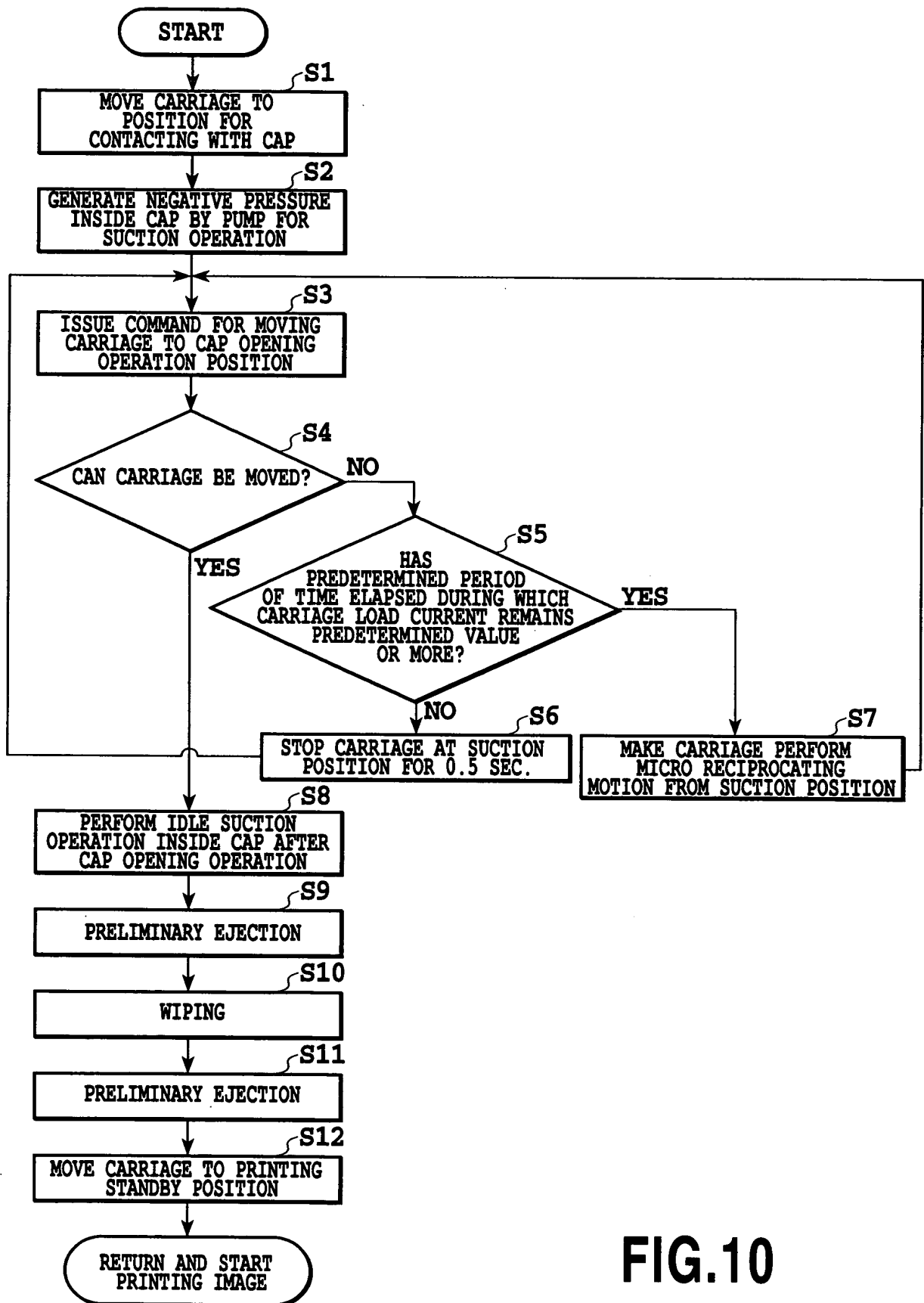


FIG.10

TOTAL NUMBER OF SUCTION OPERATIONS	CARRIAGE ERROR COUNT	NUMBER OF PRINTED IMAGES DEVELOPING INFLUENCE OF EJECTION FAILURE DUE TO AIR TRAPPED INSIDE EJECTION PORTS	NUMBER OF PRINTED IMAGES DEVELOPING INFLUENCE OF COLOR MIXTURE
50	0	0	0
100	0	0	0

FIG.11